| L Number | Hits   | Search Text  | DB        | Time stamp       |
|----------|--------|--|-----------|------------------|
| 1        | 68     | cr same titanium same (spacer interlayer)                                  | USPAT;    | 2002/07/27 09:17 |
|          |        |  | US-PGPUB; |                  |
|          |        |  | EPO; JPO; |                  |
|          |        |  | DERWENT   |                  |
| 2        | 120249 | magnetic adj recording   | USPAT;    | 2002/07/27 09:15 |
|          |        |  | US-PGPUB; |                  |
|          |        |  | EPO; JPO; |                  |
|          |        |  | DERWENT   |                  |
| 3        | 6      | (cr same titanium same (spacer interlayer)) and (magnetic adj recording)   | USPAT;    | 2002/07/27 09:15 |
|          |        |  | US-PGPUB; |                  |
| i        |        |  | EPO; JPO; |                  |
|          |        |  | DERWENT   |                  |
| 4        | 1406   | cr same (spacer interlayer)  | USPAT;    | 2002/07/27 09:17 |
|          |        |  | US-PGPUB; |                  |
|          |        |  | EPO; JPO; |                  |
|          |        |  | DERWENT   |                  |
| 5        | 236    | (magnetic adj recording) and (cr same (spacer interlayer))                 | USPAT;    | 2002/07/27 09:18 |
|          | -50    | (magnetic and recording) and (or stand (opaster microary))                 | US-PGPUB; | 2002/07/27 05:10 |
|          |        |  | EPO; JPO; |                  |
|          |        |  | DERWENT   | 1                |
| 6        | 480414 | titanium ti  | USPAT;    | 2002/07/27 09:18 |
| "        | 700717 | trainan ti   | US-PGPUB; | 2002/07/27 09.16 |
|          | •      |  | EPO; JPO; |                  |
| 1        |        |  | DERWENT   |                  |
| 7        | 111    | ((magnetic adj recording) and (cr same (spacer interlayer))) and (titanium |           | 2002/07/27 00:19 |
| '        | 111    |  | USPAT;    | 2002/07/27 09:18 |
|          |        | ti)  | US-PGPUB; |                  |
|          |        |  | EPO; JPO; |                  |
|          |        |  | DERWENT   | 2002/05/25 20 25 |
| 8        | l      |  | USPAT     | 2002/07/27 09:27 |
| 9        | 1      |  | USPAT     | 2002/07/27 09:34 |
| 10       | 1      |  | USPAT     | 2002/07/27 09:34 |
| 11       | I      |  | USPAT     | 2002/07/27 09:35 |
| 12       | 1      |  | USPAT     | 2002/07/27 09:35 |
| 13       | 1      |  | USPAT     | 2002/07/27 09:35 |
| 14       | 1      |  | USPAT     | 2002/07/27 09:36 |
| 15       | 1      |  | USPAT     | 2002/07/27 09:36 |
| 16       | 1      |  | USPAT     | 2002/07/27 09:38 |
| -        | 4      | "6174582"  | USPAT;    | 2002/07/25 08:36 |
|          |        |  | US-PGPUB; |                  |
|          |        |  | EPO; JPO; |                  |
|          |        | ·  | DERWENT   |                  |
| -        | 393    | 428/694TR  | USPAT;    | 2002/07/25 08:41 |
|          |        |  | US-PGPUB; |                  |
|          |        |  | EPO; JPO; |                  |
|          |        |  | DERWENT   |                  |
| -        | 0      | 428/694TR and (chromium Cr) and (Mumax)                                    | USPAT;    | 2002/07/25 08:37 |
|          |        |  | US-PGPUB; |                  |
|          |        |  | EPO; JPO; |                  |
|          |        |  | DERWENT   | :                |
| -        | 0      | 428/694TR and (chromium Cr) and (mu adj max)                               | USPAT;    | 2002/07/25 08:37 |
|          |        |  | US-PGPUB; |                  |
|          |        |  | EPO; JPO; |                  |
|          |        |  | DERWENT   |                  |
| -        | 230    | 428/694TR and (chromium Cr)  | USPAT;    | 2002/07/25 08:37 |
|          | _      | ,  | US-PGPUB; |                  |
|          |        |  | EPO; JPO; |                  |
|          |        |  | DERWENT   |                  |
| _        | 18837  | soft adj magnetic  | USPAT;    | 2002/07/25 08:38 |
|          | .0057  |  | US-PGPUB; | 2002/07/25 00.50 |
|          |        |  | EPO; JPO; |                  |
|          |        |  |           |                  |
|          |        |  | DERWENT   | L                |

|   |        | (400(C)(MP) 1(1) : C)) 1( 0 1;  | LICDAT.              | 2002/07/25 00:20 |
|---|--------|---|----------------------|------------------|
| • | 28     | (428/694TR and (chromium Cr)) and (soft adj magnetic)                 | USPAT;<br>US-PGPUB;  | 2002/07/25 08:38 |
|   |        |   | EPO; JPO;            |                  |
|   |        |   | DERWENT              |                  |
|   | 02004  | h   | USPAT;               | 2002/07/25 08:38 |
| - | 82804  | roughness   |                      | 2002/01/23 06.36 |
|   |        |   | US-PGPUB;            |                  |
|   |        |   | EPO; JPO;            |                  |
|   | ا م. ا | (/400//04TD 1/1 - 1 - C)) - 1/- A - 1                                 | DERWENT              | 2002/07/26 00:20 |
| - | 12     | ((428/694TR and (chromium Cr)) and (soft adj magnetic)) and roughness | USPAT;               | 2002/07/25 08:38 |
|   |        |   | US-PGPUB;            |                  |
|   |        |   | EPO; JPO;            |                  |
|   | 161    | 420/CATD (  | DERWENT              | 2002/07/25 00:46 |
| - | 161    | 428/694TR and roughness same (angstroms A)                            | USPAT;               | 2002/07/25 08:46 |
|   |        |   | US-PGPUB;            |                  |
|   |        |   | EPO; JPO;            |                  |
|   |        |   | DERWENT              | 2000/07/25 00 45 |
| - | 15     | 428/694TR and roughness same (angstroms)                              | USPAT;               | 2002/07/25 08:45 |
|   |        |   | US-PGPUB;            |                  |
|   |        |   | EPO; JPO;            |                  |
|   | _      | Head ( COOR !!  | DERWENT              | 2000/05/25 22 15 |
| - | 7      | "5766727"   | USPAT;               | 2002/07/25 08:43 |
|   |        |   | US-PGPUB;            |                  |
|   |        |   | EPO; JPO;            |                  |
|   | _      |   | DERWENT              |                  |
| - | 0      | 428/694TR and angstoms  | USPAT;               | 2002/07/25 08:45 |
|   |        |   | US-PGPUB;            |                  |
|   |        |   | EPO; JPO;            |                  |
|   |        |   | DERWENT              |                  |
| - | 51     | 428/694TR and angstroms   | USPAT;               | 2002/07/25 08:45 |
|   |        |   | US-PGPUB;            |                  |
|   |        |   | EPO; JPO;            |                  |
|   |        |   | DERWENT              |                  |
| - | 207    | 428/694TR and roughness   | USPAT;               | 2002/07/25 08:46 |
|   |        |   | US-PGPUB;            |                  |
|   |        |   | EPO; JPO;            |                  |
|   |        | (20/50/77)  | DERWENT              | 2002/05/25 00 46 |
| - | 105    | 428/694TR and roughness same (angstroms nanometers nm)                | USPAT;               | 2002/07/25 08:46 |
|   |        |   | US-PGPUB;            |                  |
|   |        |   | EPO; JPO;            |                  |
|   |        | W.C. (1970)   | DERWENT              | 2002/05/25 00 52 |
| - | 12     | "5879783"   | USPAT;               | 2002/07/25 08:52 |
|   |        |   | US-PGPUB;            |                  |
|   |        |   | EPO; JPO;            |                  |
|   | 170    | 42'9/604TD and gurfage edi ======                                     | DERWENT              | 2002/07/25 00.52 |
| - | 178    | 428/694TR and surface adj roughness                                   | USPAT;               | 2002/07/25 08:53 |
|   |        |   | US-PGPUB;            |                  |
|   |        |   | EPO; JPO;<br>DERWENT |                  |
|   | 16     | 428/694TR and surface adj roughness and (soft adj magnetic keeper)    | USPAT;               | 2002/07/25 08:53 |
| 1 | 10     | 1 720/074 11 and surface adj roughness and (soft adj magnetic keeper) | US-PGPUB;            | 2002/01/23 00.33 |
|   |        |   | EPO; JPO;            |                  |
|   |        |   | DERWENT              |                  |
|   | 16     | 428/694TR and surface adj roughness and soft adj magnetic             | USPAT;               | 2002/07/25 16:12 |
| - | 10     | 1 720/07411 and surface and foughtiess and soft and magnetic          | US-PGPUB;            | 2002/07/25 10.12 |
|   |        |   | EPO; JPO;            |                  |
|   |        |   | DERWENT              |                  |
|   | 1      | "6083599".PN.   | USPAT                | 2002/07/25 09:53 |
| - |        | 0083399 .FN.<br>  "5942342".PN.                                       | USPAT                | 2002/07/25 09:54 |
| - |        | "5863631".PN.   | USPAT                | 2002/07/25 09:55 |
| 1 | 1 1    |   | USPAT                | 2002/07/25 09:56 |
| 1 | 1      | "5815342".PN. "5815342" PN  | USPAT                | 2002/07/25 10:00 |
|   | 1 1    | "5815342".PN.<br>  "5543221".PN.                                      | USPAT                | 2002/07/25 10:00 |
| L | 1      | JJ7J241 .FIN.   | USPAT                | 2002/01/23 10:00 |

|     |      |  | T         |                  |
|-----|------|--|-----------|------------------|
| -   | 24   | "4407894"  | USPAT;    | 2002/07/25 16:19 |
|     |      |  | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT   |                  |
| -   | 377  | 428/694TS and roughness  | USPAT;    | 2002/07/25 16:20 |
|     |      |  | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
|     | l    |  | DERWENT   |                  |
|     | 310  | 428/694TS and surface adj roughness  | USPAT;    | 2002/07/25 16:20 |
|     |      | , 0  | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT   |                  |
|     | 156  | 428/694TM and permalloy  | USPAT;    | 2002/07/25 16:29 |
|     |      |  | US-PGPUB; |                  |
| 1   |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT   |                  |
|     | 23   | 428/694TM and permalloy and multiple   | USPAT;    | 2002/07/25 16:25 |
| -   | 23   | 428/074 Thi and permanoy and maniple   | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT   |                  |
|     | 6    | 428/694TM and soft adj magnetic same multiple  | USPAT;    | 2002/07/25 16:29 |
| •   | 0    | 420/074 Livi and Soft adj magnetic same munipic  | US-PGPUB; | 1002.07.25 10.25 |
|     | ] 1  |  | EPO; JPO; |                  |
|     |      |  | DERWENT   |                  |
|     |      | Language to the control of the contr | USPAT;    | 2002/07/25 16:33 |
| -   | 69   | 428/694TM and surface adj roughness  |           | 2002/07/25 10.55 |
|     |      |  | US-PGPUB; | 1                |
| ļ   |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT   | 2002/07/25 16:30 |
| -   | 7    | soft adj magnetic same multiple and surface adj roughness  | USPAT;    | 2002/07/25 16:30 |
|     |      |  | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
| 1   |      |  | DERWENT   |                  |
| -   | 15   | 428/694MM and soft adj magnetic  | USPAT;    | 2002/07/25 16:40 |
|     |      |  | US-PGPUB; |                  |
|     |      |  | ЕРО; ЈРО; |                  |
|     |      |  | DERWENT   |                  |
|     | 1    | 428/694TS and soft adj magnetic near5 multiple   | USPAT;    | 2002/07/25 16:43 |
|     |      |  | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT   |                  |
| _   | 16   | 428/694TS and soft adj magnetic near5 (multilayer multiple many)   | USPAT;    | 2002/07/25 16:41 |
|     | 1    |  | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
| 1   |      |  | DERWENT   |                  |
| -   | 90   | 428/694TS and soft adj magnetic and (multiple multilayer)  | USPAT;    | 2002/07/25 16:51 |
|     |      |  | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT   |                  |
| 1_  | 581  | soft adj magnetic same (multiple multilayer)   | USPAT;    | 2002/07/25 16:52 |
|     |      |  | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT   |                  |
|     | 27   | soft adj magnetic same (multiple multilayer) and roughness   | USPAT;    | 2002/07/25 17:10 |
| -   | 2/   | Sort and magnetic same (multiple multilayer) and roughness   | US-PGPUB; |                  |
|     |      |  | EPO; JPO; |                  |
|     |      |  | DERWENT   |                  |
|     | 201  | and adi magnetic near5 adiscent  | USPAT;    | 2002/07/25 17:11 |
| -   | 391  | soft adj magnetic near5 adjacent   | US-PGPUB; | 2002.01,23 17.11 |
|     |      |  | EPO; JPO; |                  |
|     |      |  |           |                  |
|     |      | 100//04TG  | DERWENT   | 2002/07/25 17:11 |
| 1 - | 2060 | 428/694TS  | USPAT;    | 2002/01/23 17.11 |
| 1   |      |  | US-PGPUB; |                  |
| 1   |      |  | EPO; JPO; |                  |
| 1   |      |  | DERWENT   | <u> </u>         |

|    |       |   | USPAT;               | 2002/07/25 17:11 |
|----|-------|---|----------------------|------------------|
| -  | 393   | 428/694TR   | US-PGPUB;            | 2002/01/25 17.11 |
|    |       |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              |                  |
|    | 40    | 428/694TR and soft adj magnetic                       | USPAT;               | 2002/07/25 17:20 |
| -  | 40    | 420/0741K and soft adj magnetic                       | US-PGPUB;            |                  |
|    | 1     |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              |                  |
|    | 0     | 428/694TR and Keeper adj layer                        | USPAT;               | 2002/07/25 17:21 |
|    |       |   | US-PGPUB;            |                  |
|    |       |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              |                  |
| -  | 0     | 428/694TR and Keeper                                  | USPAT;               | 2002/07/25 17:21 |
|    |       |   | US-PGPUB;            |                  |
|    |       |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              | 2002/07/25 17:21 |
| -  | 9     | 428/694T and Keeper                                   | USPAT;               | 2002/07/25 17:21 |
|    |       |   | US-PGPUB;            |                  |
|    |       |   | EPO; JPO;<br>DERWENT |                  |
|    | 10027 | soft adi magnetia                                     | USPAT;               | 2002/07/25 17:22 |
| -  | 18837 | soft adj magnetic                                     | US-PGPUB;            | 2002/07/23 17.22 |
|    | j     |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              |                  |
| _  | 723   | (soft adj magnetic) and multilayer                    | USPAT;               | 2002/07/25 17:22 |
| -  | '25   | (Soft adj magnotto) and marma, or                     | US-PGPUB;            |                  |
|    |       |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              |                  |
| -  | 158   | (soft adj magnetic) near5 multilayer                  | USPAT;               | 2002/07/25 17:22 |
|    |       |   | US-PGPUB;            |                  |
| ļ  |       |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              | 2002/07/05 17 22 |
| -  | 118   | (soft adj magnetic) near3 multilayer                  | USPAT;               | 2002/07/25 17:22 |
|    |       |   | US-PGPUB;            |                  |
|    |       | ·   | EPO; JPO;<br>DERWENT |                  |
|    | 62    | (soft adj magnetic) near multilayer                   | USPAT;               | 2002/07/25 17:36 |
| -  | 62    | (soft adj magnetic) fical muthayer                    | US-PGPUB;            | 2002/01/25 17.50 |
|    |       |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              |                  |
| 1. | 2060  | 428/694TS   | USPAT;               | 2002/07/25 17:24 |
|    |       |   | US-PGPUB;            |                  |
|    |       |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              |                  |
| -  | 377   | 428/694TS and roughness                               | USPAT;               | 2002/07/25 17:24 |
|    |       |   | US-PGPUB;            |                  |
|    |       |   | EPO; JPO;            |                  |
|    |       | 100 KO KOO TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1       | DERWENT              | 2002/07/25 17:26 |
| -  | 17    | 428/694TS and roughness same soft adj magnetic        | USPAT;<br>US-PGPUB;  | 2002/01/23 17:20 |
|    |       |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              |                  |
|    | 5     | "6387483"   | USPAT;               | 2002/07/25 17:25 |
| 1  |       | 0,007,000   | US-PGPUB;            |                  |
|    |       |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              |                  |
| -  | 1285  | perpendicular near2 magnetic adj recording adj medium | USPAT;               | 2002/07/25 17:27 |
|    |       |   | US-PGPUB;            |                  |
|    |       |   | EPO; JPO;            |                  |
|    |       |   | DERWENT              |                  |
| -  | 343   |   | USPAT;               | 2002/07/25 17:31 |
| [  |       | magnetic keeper)                                      | US-PGPUB;            |                  |
|    |       |   | EPO; JPO;            |                  |
|    | 1     |   | DERWENT              | <u> </u>         |

| [ <del>-</del> | 42  | perpendicular near2 magnetic adj recording adj medium and (soft adj | USPAT;               | 2002/07/25 17:31 |
|----------------|-----|---|----------------------|------------------|
|                | 1   | magnetic keeper) and roughness                                      | US-PGPUB;            |                  |
|                |     |   | EPO; JPO;<br>DERWENT |                  |
|                |     |   | USPAT;               | 2002/07/25 17:36 |
| -              | 343 | 428/694mm   | US-PGPUB;            | 2002/07/23 17:30 |
|                |     |   | EPO; JPO;            | [                |
|                |     |   | DERWENT              |                  |
|                | 0   | 428/694mm and soft adj magentic                                     | USPAT;               | 2002/07/25 17:37 |
| -              | 0   | 420/074mm and 30% adj mag   | US-PGPUB;            |                  |
|                |     |   | EPO; JPO;            |                  |
|                |     |   | DERWENT              |                  |
| _              | 0   | 428/694mm and soft adj magenetic                                    | USPAT;               | 2002/07/25 17:37 |
|                |     |   | US-PGPUB;            |                  |
|                |     |   | ЕРО; ЈРО;            |                  |
|                |     |   | DERWENT              | 0000/07/05 17:39 |
| -              | 15  | 428/694mm and soft adj magnetic                                     | USPAT;               | 2002/07/25 17:38 |
|                |     |   | US-PGPUB;            |                  |
|                |     |   | EPO; JPO;<br>DERWENT |                  |
|                |     |   | USPAT;               | 2002/07/25 17:41 |
| -              | 129 | 428/694 and soft adj magnetic                                       | US-PGPUB;            | 2002/01/25 17.41 |
| 1              |     |   | EPO; JPO;            |                  |
|                |     |   | DERWENT              |                  |
|                | 115 | soft adj magnetic same multilayer and recording adj media           | USPAT;               | 2002/07/25 17:43 |
| -              | 115 | Soft adj magnetic same multilayer and recording adj modia           | US-PGPUB;            |                  |
|                |     |   | EPO; JPO;            |                  |
|                |     |   | DERWENT              |                  |
| _              | 18  | Hokkyo  | USPAT;               | 2002/07/25 17:47 |
| _              |     | Trousiyo  | US-PGPUB;            |                  |
|                |     |   | EPO; JPO;            |                  |
|                |     |   | DERWENT              |                  |
| -              | 1   | "6083599".PN.   | USPAT                | 2002/07/25 17:46 |
| -              | 1   | "5942342".PN.   | USPAT                | 2002/07/25 17:46 |
| -              | 0   | soft adj magnetic same seperation                                   | USPAT;               | 2002/07/25 17:47 |
|                |     |   | US-PGPUB;            |                  |
|                |     |   | EPO; JPO;<br>DERWENT |                  |
|                | 200 | O I'm and a company company   | USPAT;               | 2002/07/25 17:48 |
| -              | 323 | soft adj magnetic same separation                                   | US-PGPUB;            | 2002/01/20       |
|                |     |   | EPO; JPO;            |                  |
|                |     |   | DERWENT              |                  |
|                | 2   | soft adj magnetic same separation near5 chromium                    | USPAT;               | 2002/07/25 17:48 |
| •              | 2   | 301t day magnetic same separation near the same                     | US-PGPUB;            |                  |
|                |     |   | EPO; JPO;            |                  |
|                |     |   | DERWENT              |                  |
| -              | 2   | soft adj magnetic same separat\$3 near5 chromium                    | USPAT;               | 2002/07/25 17:49 |
|                |     |   | US-PGPUB;            |                  |
|                |     |   | EPO; JPO;            |                  |
|                |     |   | DERWENT              | 2002/07/25 17:50 |
| -              | 6   | soft adj magnetic and separat\$3 near5 chromium                     | USPAT;               | 2002/07/25 17:50 |
|                |     |   | US-PGPUB;            |                  |
|                | 1   |   | EPO; JPO;<br>DERWENT |                  |
|                |     | O a di manustia somo cheomium                                       | USPAT;               | 2002/07/25 17:52 |
| -              | 417 | soft adj magnetic same chromium                                     | US-PGPUB;            | 2002.025         |
|                |     |   | EPO; JPO;            |                  |
|                |     |   | DERWENT              |                  |
|                | 0   | multi\$ near5 soft adj magnetic same chromium                       | USPAT;               | 2002/07/25 17:51 |
| -              | "   | many new 2 3011 and magnetic state enformant                        | US-PGPUB;            |                  |
|                |     |   | EPO; JPO;            |                  |
| 1              | 1   |   | DERWENT              | 1                |

| -  | 11    | soft adj magnetic same chromium and roughness  | USPAT;    | 2002/07/25 17:52 |
|----|-------|--|-----------|------------------|
|    |       | , ,  | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
|    | 2060  | 428/694TS  | USPAT;    | 2002/07/25 17:53 |
| -  | 2000  | 420/07410  | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
|    | 0     | 428/694TS and roughnes   | USPAT;    | 2002/07/25 17:53 |
| -  | U U   | 420/09413 and roughlies  | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
|    | 377   | 420/COATS and roughness  | USPAT;    | 2002/07/25 17:54 |
| -  | 3//   | 428/694TS and roughness  | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
|    |       | 400/60/170   | USPAT;    | 2002/07/25 17:56 |
| -  | 165   | 428/694TS and roughness and chromium   | US-PGPUB; | 2002/07/23 17.30 |
|    |       |  |           |                  |
|    | 1     |  | EPO; JPO; |                  |
|    |       |  | DERWENT   | 2002/07/25 19:02 |
| -  | 90    | 428/694TS and soft adj magnetic adj layers   | USPAT;    | 2002/07/25 18:03 |
|    | 1     |  | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
| -  | 13    | soft adj magnetic adj layers near5 chromium  | USPAT;    | 2002/07/25 18:07 |
| i  |       |  | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
| -  | 3     | "01227216"   | USPAT;    | 2002/07/25 18:07 |
|    |       |  | US-PGPUB; |                  |
|    |       |  | ЕРО; ЈРО; |                  |
|    |       |  | DERWENT   |                  |
| -  | 8     | soft adj magnetic adj layers near5 roughness   | USPAT;    | 2002/07/25 18:11 |
|    |       |  | US-PGPUB; |                  |
|    |       |  | ЕРО; ЈРО; |                  |
|    |       |  | DERWENT   |                  |
| -  | 78501 | Ikeda  | USPAT;    | 2002/07/25 18:10 |
|    |       |  | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
| _  | 1586  | soft adj magnetic adj layers   | USPAT;    | 2002/07/25 18:11 |
|    |       |  | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
| -  | 1586  | "soft magnetic layers"   | USPAT;    | 2002/07/25 18:12 |
|    |       | 3  | US-PGPUB; |                  |
|    | 1     |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
| .  | 541   | "soft magnetic layers" and perpendicular   | USPAT;    | 2002/07/25 18:12 |
|    | ]     | Land to the second seco | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
| 1. | 3     | "5543180"  | USPAT;    | 2002/07/25 18:12 |
|    |       | 35.5100  | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
|    | 4     | "5943180"  | USPAT;    | 2002/07/25 18:12 |
|    | 1 4   | 3713100  | US-PGPUB; |                  |
|    |       | 1  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
|    | 55    | "soft magnetic layers" and perpendicular and roughness   | USPAT;    | 2002/07/25 18:16 |
| -  | 33    | Soft magnetic layers and perpendicular and roughness   | US-PGPUB; |                  |
|    |       |  | EPO; JPO; |                  |
|    |       |  | DERWENT   |                  |
|    |       |  | DEKWENT   | 1                |

| Γ_ | 153  | mu?max   | USPAT;                 | 2002/07/25 18:14 |
|----|------|--|------------------------|------------------|
|    | 155  | III . III .  | US-PGPUB;              |                  |
|    |      |  | EPO; JPO;              |                  |
|    | 1    |  | DERWENT                |                  |
| _  | 12   | "soft magnetic layers" and perpendicular and roughness                   | USPAT;                 | 2002/07/25 18:16 |
| _  | '-   | Son magnette tayons and proposess  | US-PGPUB;              |                  |
|    |      |  | EPO; JPO;              |                  |
|    |      |  | DERWENT                |                  |
|    | 350  | "soft magnetic layers"   | USPAT;                 | 2002/07/25 18:17 |
| -  | 350  | Soft magnetic tayors   | US-PGPUB;              | İ                |
|    | 1    |  | EPO; JPO;              |                  |
|    |      |  | DERWENT                |                  |
|    | 41   | "soft magnetic layers" and chromium                                      | USPAT;                 | 2002/07/25 18:17 |
| -  | 71   | Soft magnetic rayers wile emorror  | US-PGPUB;              |                  |
|    |      |  | EPO; JPO;              |                  |
|    |      |  | DERWENT                |                  |
|    | 6    | 428/694TM and soft adj magnetic near3 (multiple many several)            | USPAT;                 | 2002/07/26 07:25 |
| -  | 0    | 420/0941W and soft adj magnetic news (multiple many several)             | US-PGPUB;              |                  |
|    |      |  | EPO; JPO;              |                  |
|    |      |  | DERWENT                |                  |
|    | ] 34 | "4025270"  | USPAT;                 | 2002/07/25 18:20 |
| -  | 24   | "4025379"  | US-PGPUB;              |                  |
|    |      |  | EPO; JPO;              |                  |
|    |      |  | DERWENT                |                  |
| 1  |      |  | USPAT;                 | 2002/07/25 18:20 |
| -  | 8    | "3880603"  | US-PGPUB;              | 2002/07/25 10:20 |
| ļ  | ļ    |  | EPO; JPO;              |                  |
|    | 1    |  | DERWENT                |                  |
|    |      | anako m t. o. ti   | USPAT;                 | 2002/07/26 07:38 |
| -  | 40   | 428/694Tr and soft adj magnetic  | US-PGPUB;              | 2002/01/20 07.30 |
|    |      |  | EPO; JPO;              |                  |
|    |      |  | DERWENT                |                  |
|    |      | 1001001000   |                        | 2002/07/26 07:38 |
| -  | 462  | 428/694TS and chromium   | USPAT;                 | 2002/01/20 01.30 |
|    |      |  | US-PGPUB;<br>EPO; JPO; |                  |
|    |      |  | DERWENT                |                  |
| Ì  |      |  | 1                      | 2002/07/26 07:40 |
| -  | 120  | 428/694TS and chromium near layers                                       | USPAT;                 | 2002/07/20 07.40 |
|    |      |  | US-PGPUB;<br>EPO; JPO; |                  |
|    |      |  |                        |                  |
|    |      | 0.5  | DERWENT                | 2002/07/26 07:40 |
| -  | 0    | 428/694TS and chromium near layers same soft adj magnetic                | USPAT;                 | 2002/07/20 07.40 |
|    |      |  | US-PGPUB;              |                  |
|    |      |  | EPO; JPO;              |                  |
|    |      | 2 1 2 2 2  | DERWENT                | 2002/07/26 07:44 |
| -  | 17   | 428/694TS and chromium same soft adj magnetic                            | USPAT;                 | 2002/01/20 07.44 |
|    | 1    |  | US-PGPUB;              |                  |
|    |      |  | EPO; JPO;              |                  |
|    |      | 120 CO 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                             | DERWENT                | 2002/07/26 07:44 |
| -  | 528  | 428/694TS and (multiple adj layers multilayers plurality)                | USPAT;                 | 2002/07/26 07:44 |
|    |      |  | US-PGPUB;              | 1                |
|    |      |  | EPO; JPO;              |                  |
|    |      |  | DERWENT                | 2002/07/26 07:45 |
| -  | 0    | 428/694TS and (multiple adj layers multilayers) near5 soft adj magenete  | USPAT;                 | 2002/07/26 07:45 |
|    |      |  | US-PGPUB;              |                  |
|    |      |  | EPO; JPO;              |                  |
|    |      |  | DERWENT                | 2002/07/26 07:45 |
| -  | 0    | 428/694TS and (multiple adj layers multilayers) near5 soft adj magenetic | USPAT;                 | 2002/07/26 07:45 |
|    |      |  | US-PGPUB;              |                  |
|    |      |  | EPO; JPO;              |                  |
|    |      |  | DERWENT                | 2002/08/24 08 15 |
| -  | 0    | 428/694TS and (multiple adj layers multilayers plurality) near5 soft adj | USPAT;                 | 2002/07/26 07:45 |
|    |      | magenetic  | US-PGPUB;              |                  |
|    |      |  | EPO; JPO;              |                  |
| 1  |      |  | DERWENT                |                  |

| - | 0   | 428/694TS and (multiple adj layers multilayers plurality) same soft adj | USPAT;<br>US-PGPUB;  | 2002/07/26 07:45 |
|---|-----|---|----------------------|------------------|
|   |     | magenetic   | 1 ' ' 1              |                  |
|   | 1   |   | EPO; JPO;<br>DERWENT |                  |
|   |     |   | USPAT;               | 2002/07/26 07:54 |
| - | 224 | 428/694TS and (multiple adj layers multilayers)                         | US-PGPUB;            | 2002/01/20 07.54 |
|   |     |   | EPO; JPO;            |                  |
|   |     |   | DERWENT              |                  |
|   |     |   | USPAT                | 2002/07/26 07:53 |
| • | 1   | "6095160".PN.   | USPAT                | 2002/07/26 07:53 |
| - | 1   | "5762766".PN.   | USPAT                | 2002/07/26 07:53 |
| • | 1   | "5616426".PN.   |                      | 2002/07/26 07:53 |
| - | 1   | "4990361".PN.   | USPAT                | 2002/07/26 07:54 |
| - | 2   | "6395412"   | USPAT;<br>US-PGPUB;  | 2002/07/20 07:54 |
|   |     |   |                      |                  |
|   |     |   | EPO; JPO;            |                  |
|   | 1 1 |   | DERWENT              | 2002/07/26 08:02 |
| - | 91  | 428/694TS and (multiple adj layers multilayers) and (roughness          | USPAT;               | 2002/07/26 08:03 |
|   |     | smoothness smooth rough)  | US-PGPUB;            |                  |
|   |     |   | EPO; JPO;            |                  |
|   |     |   | DERWENT              | 2002/07/26 07.57 |
| - | 3   | "6329037"   | USPAT;               | 2002/07/26 07:57 |
|   |     |   | US-PGPUB;            |                  |
|   |     |   | EPO; JPO;            |                  |
|   |     |   | DERWENT              | 2002/07/26 07:57 |
| - | 1   | "5945191".PN.   | USPAT                | 2002/07/26 07:57 |
| - | 1   | "5871841".PN.   | USPAT                | 2002/07/26 07:58 |
| - | 1   | "5734519".PN.   | USPAT                | 2002/07/26 07:58 |
| - | 1   | "5679431".PN.   | USPAT                | 2002/07/26 07:58 |
| - | 1   | "5607783".PN.   | USPAT                | 2002/07/26 07:58 |
| - | 1   | "5227211".PN.   | USPAT                | 2002/07/26 07:58 |
| - | 0   | soft adj magentic near5 multilayer                                      | USPAT;               | 2002/07/26 08:03 |
|   |     |   | US-PGPUB;            |                  |
|   |     |   | EPO; JPO;            |                  |
|   |     |   | DERWENT              | 2002/07/26 08:02 |
| - | 1   | soft adj magentic same multilayer                                       | USPAT;               | 2002/07/26 08:03 |
|   |     |   | US-PGPUB;            |                  |
|   |     |   | EPO; JPO;            |                  |
|   |     |   | DERWENT              | 2002/07/26 09:06 |
| - | 158 | soft adj magnetic near5 multilayer                                      | USPAT;               | 2002/07/26 08:06 |
|   |     |   | US-PGPUB;            |                  |
| 1 |     |   | EPO; JPO;            |                  |
|   |     |   | DERWENT              | 2002/07/26 08:04 |
| - | 12  | soft adj magnetic near5 multilayer and chromium                         | USPAT;               | 2002/07/26 08:04 |
|   |     |   | US-PGPUB;            |                  |
|   |     |   | EPO; JPO;            |                  |
|   |     |   | DERWENT              | 2002/07/26 00:00 |
| • | 16  | soft adj magnetic near2 multiple  | USPAT;               | 2002/07/26 08:08 |
| ļ |     |   | US-PGPUB;            |                  |
|   |     |   | EPO; JPO;            |                  |
|   |     |   | DERWENT              | 2002/07/26 00:00 |
| - | 3   | "5612146"   | USPAT;               | 2002/07/26 08:08 |
|   |     |   | US-PGPUB;            |                  |
|   |     |   | EPO; JPO;            |                  |
|   |     |   | DERWENT              | 2002/07/26 09:09 |
| - | 57  | soft adj magnetic near5 multiple  | USPAT;               | 2002/07/26 08:08 |
|   |     |   | US-PGPUB;            |                  |
|   |     |   | EPO; JPO;            |                  |
|   |     |   | DERWENT              | 2002/05/25 22 25 |
| - | 152 | 428/694TS and multiple  | USPAT;               | 2002/07/26 08:27 |
|   | 1   |   | US-PGPUB;            |                  |
|   |     |   | EPO; JPO;            |                  |
| 1 | 1   | 1   | DERWENT              | 1                |

|    |      |   |           | 0000/05/04 00 05                        |
|----|------|---|-----------|---|
| -  | 0    | 428/694TS and multiple near3 soft adj under adj layer                 | USPAT;    | 2002/07/26 08:27                        |
| i  |      |   | US-PGPUB; |   |
|    |      |   | EPO; JPO; |   |
|    |      |   | DERWENT   |   |
| -  | 0    | 428/694TS and nois  | USPAT;    | 2002/07/26 08:27                        |
|    |      |   | US-PGPUB; |   |
|    |      |   | EPO; JPO; |   |
|    |      |   | DERWENT   |   |
| _  | 595  | 428/694TS and noise   | USPAT;    | 2002/07/26 08:27                        |
| •  |      |   | US-PGPUB; |   |
|    |      |   | EPO; JPO; |   |
|    |      |   | DERWENT   |   |
| _  | 143  | 428/694TS and noise and soft adj magnetic                             | USPAT;    | 2002/07/26 08:27                        |
|    |      | , <u> </u>  | US-PGPUB; |   |
|    |      |   | EPO; JPO; |   |
|    |      |   | DERWENT   |   |
|    | 48   | 428/694TS and noise and soft adj magnetic and (smoothness roughness)  | USPAT;    | 2002/07/26 08:38                        |
| -  | 40   | 428/09413 and noise and soft adj magnetic and (smoothness roughness)  | US-PGPUB; |   |
|    |      |   | EPO; JPO; |   |
|    |      |   | DERWENT   |   |
|    | 2127 | was a still a second in a add madio and got add magnetic              | USPAT;    | 2002/07/26 08:32                        |
| -  | 2127 | magnetic adj recording adj media and soft adj magnetic                | US-PGPUB; | 2302/07/20 00:32                        |
|    | ļ    |   | EPO; JPO; |   |
|    |      |   | DERWENT   |   |
|    |      |   | 1         | 2002/07/26 08:32                        |
| -  | 271  | magnetic adj recording adj media and soft adj magnetic and (roughness | USPAT;    | 2002/07/20 08.32                        |
|    |      | smoothness)   | US-PGPUB; |   |
|    |      |   | EPO; JPO; |   |
|    |      |   | DERWENT   | 2002/07/26 00 40                        |
| -  | 6    | multiple adj soft adj magnetic  | USPAT;    | 2002/07/26 08:40                        |
|    |      |   | US-PGPUB; |   |
| İ  |      |   | EPO; JPO; |   |
|    |      |   | DERWENT   |   |
| -  | 113  | plurality near2 soft adj magnetic                                     | USPAT;    | 2002/07/26 08:40                        |
|    |      |   | US-PGPUB; |   |
|    |      |   | EPO; JPO; |   |
|    | 1    |   | DERWENT   |   |
| _  | 0    | multiple adj keeper adj layers  | USPAT;    | 2002/07/26 08:43                        |
|    |      |   | US-PGPUB; |   |
|    |      |   | EPO; JPO; |   |
| Ì  |      |   | DERWENT   |   |
| _  | 112  | keeper adj layers   | USPAT;    | 2002/07/26 08:44                        |
|    | 1.2  | , L   | US-PGPUB; |   |
| l  |      |   | EPO; JPO; |   |
|    |      |   | DERWENT   |   |
| 1_ | 5    | keeper adj layers same multiple                                       | USPAT;    | 2002/07/26 08:45                        |
| -  |      | Tracker and many and manufacture                                      | US-PGPUB; |   |
|    |      |   | EPO; JPO; |   |
|    |      |   | DERWENT   |   |
|    | 2    | soft adj magnetic near5 yoke adj effect                               | USPAT;    | 2002/07/26 08:46                        |
| 1  | 2    | son adjinagnene nears yoke adjeneer                                   | US-PGPUB; |   |
| 1  |      |   | EPO; JPO; |   |
|    |      |   | DERWENT   |   |
| 1  |      | and add manuscrip come violes add affect                              | USPAT;    | 2002/07/26 08:48                        |
| -  | 3    | soft adj magnetic same yoke adj effect                                | US-PGPUB; | 2002/07/20 00.46                        |
| 1  | 1    |   | -         |   |
|    | 1    |   | EPO; JPO; |   |
| 1  |      | 400//04/00  | DERWENT   | 2002/07/26 00:50                        |
| -  | 573  | 428/694SG   | USPAT;    | 2002/07/26 08:50                        |
|    |      |   | US-PGPUB; |   |
|    |      |   | EPO; JPO; |   |
|    |      |   | DERWENT   | *************************************** |
| -  | 14   | 428/694SG and soft adj magnetic                                       | USPAT;    | 2002/07/26 08:52                        |
| 1  |      |   | US-PGPUB; |   |
|    |      |   | EPO; JPO; |   |
| 1  | 1    |   | DERWENT   | <u> </u>                                |

|          | 107  | yoke adj effect  | USPAT;    | 2002/07/26 08:57 |
|----------|------|--|-----------|------------------|
| -        | 107  | yoke auj enect   | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
|          | ۱ ا  | 1 1' - 654   | USPAT;    | 2002/07/26 08:56 |
| -        | 13   | yoke adj affect  | US-PGPUB; | 2002/07/20 00:50 |
|          |      |  | EPO; JPO; |                  |
|          | 1 1  |  | DERWENT   |                  |
|          | 1    |  | USPAT;    | 2002/07/26 08:56 |
| -        | 0    | yoke same soft adj magenetic   |           | 2002/01/20 08.30 |
|          |      |  | US-PGPUB; |                  |
|          | ]    |  | EPO; JPO; |                  |
|          |      |  | DERWENT   | 2002/05/2/ 00 5/ |
| -        | 0    | yoke same (soft adj magenetic)                                       | USPAT;    | 2002/07/26 08:56 |
|          |      |  | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
| <u>-</u> | 1    | yoke same soft adj magentic  | USPAT;    | 2002/07/26 08:56 |
|          |      |  | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
|          | 1632 | yoke same soft adj magnetic  | USPAT;    | 2002/07/26 08:57 |
|          | 1002 | , your carrier, and your   | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
|          | 0    | yoke same soft adj magnetic same seperate                            | USPAT;    | 2002/07/26 08:58 |
| -        | "    | yoke same soft adj magnetie same seperate                            | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
|          | 7,   | wales some soft adi magnetia and chromium                            | USPAT;    | 2002/07/26 09:01 |
| -        | 71   | yoke same soft adj magnetic and chromium                             | US-PGPUB; | 2002/07/20 07/07 |
| 1        |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
|          |      |  | USPAT;    | 2002/07/26 09:01 |
| -        | 2376 | soft adj magnetic and separate                                       |           | 2002/07/20 09.01 |
| 1        |      |  | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   | 2002/07/26 00:14 |
| -        | 126  | (multiple multilayer) same soft adj magnetic and separate            | USPAT;    | 2002/07/26 09:14 |
|          |      |  | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
| -        | 0    | keeper adj layer and watson  | USPAT;    | 2002/07/26 09:14 |
|          |      |  | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
| İ        |      |  | DERWENT   |                  |
| -        | 112  | keeper adj layer   | USPAT;    | 2002/07/26 09:15 |
| 1        |      |  | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
| -        | 13   | keeper adj layer and (watson williams)                               | USPAT;    | 2002/07/26 09:15 |
|          |      | ,  | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
| 1_       | 2270 | keeper and (watson williams)   | USPAT;    | 2002/07/26 09:15 |
|          | 22/0 | nooper and (mason minand)  | US-PGPUB; |                  |
|          |      |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
|          | ,    | keeper and (watson williams) and soft adj magnetic same non?magnetic | USPAT;    | 2002/07/26 09:16 |
| -        | 1    | keeper and (watson williams) and soft adj magnetic same non-magnetic | US-PGPUB; |                  |
|          | 1    |  | EPO; JPO; |                  |
|          |      |  | DERWENT   |                  |
|          | 1    | 1  | USPAT;    | 2002/07/26 09:18 |
| -        | 47   | keeper and soft adj magnetic same non?magnetic                       | US-PGPUB; | 2002/01/20 07.16 |
|          |      |  | EPO; JPO; |                  |
|          |      |  |           |                  |
| L        |      |  | DERWENT   | <u> </u>         |

|    | 42     | keeper same non?magnetic and soft adj magnetic  | USPAT;                 | 2002/07/26 09:31 |
|----|--------|---|------------------------|------------------|
| _  | 1 72   | Recepti Saint non-magnetic and contain magnetic | US-PGPUB;              |                  |
|    |        |   | ЕРО; ЈРО;              |                  |
|    |        |   | DERWENT                |                  |
| _  | 2316   | keeper and magnetic                             | USPAT;                 | 2002/07/26 09:21 |
|    | 23.0   |   | US-PGPUB;              |                  |
|    |        |   | EPO; JPO;              |                  |
|    |        |   | DERWENT                |                  |
| _  | 1      | "5337203".PN.                                   | USPAT                  | 2002/07/26 09:27 |
| _  | 1      | "5337203".PN.                                   | USPAT                  | 2002/07/26 09:27 |
| _  | 1      | "5331492".PN.                                   | USPAT                  | 2002/07/26 09:27 |
| -  | 1      | "5243588".PN.                                   | USPAT                  | 2002/07/26 09:27 |
| _  | 1      | "5227939".PN.                                   | USPAT                  | 2002/07/26 09:27 |
| _  | 1      | "5216657".PN.                                   | USPAT                  | 2002/07/26 09:27 |
| _  | 1      | "5153796".PN.                                   | USPAT                  | 2002/07/26 09:27 |
| -  | 1      | "5147732".PN.                                   | USPAT                  | 2002/07/26 09:27 |
| -  | 1      | "5132957".PN.                                   | USPAT                  | 2002/07/26 09:28 |
| -  | 1      | "5041922".PN.                                   | USPAT                  | 2002/07/26 09:28 |
| -  | 4      | "5830590"                                       | USPAT;                 | 2002/07/26 09:36 |
|    |        |   | US-PGPUB;              |                  |
|    |        |   | EPO; JPO;              |                  |
|    |        |   | DERWENT                |                  |
| -  | 1      | "4985795".PN.                                   | USPAT                  | 2002/07/26 09:34 |
| -  | 1      | "5130876".PN.                                   | USPAT                  | 2002/07/26 09:35 |
| -  | 1      | "5153796".PN.                                   | USPAT                  | 2002/07/26 09:35 |
| -  | 1      | "5830590".PN.                                   | USPAT                  | 2002/07/26 09:35 |
| -  | 5      | 428/694TS and keeper SAME NON?MAGNETIC          | USPAT;                 | 2002/07/26 09:43 |
| İ  |        |   | US-PGPUB;              |                  |
|    |        |   | EPO; JPO;              |                  |
|    |        | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1           | DERWENT                | 2002/07/26 09:50 |
| -  | 9      | 428/694TS and keeper                            | USPAT;                 | 2002/01/20 09.30 |
|    |        |   | US-PGPUB;<br>EPO; JPO; |                  |
|    |        |   | DERWENT                |                  |
|    |        | W5577 (0051)                                    | USPAT;                 | 2002/07/26 09:47 |
| •  | 8      | "5576085"                                       | US-PGPUB;              | 2002/01/20 05.47 |
|    |        |   | EPO; JPO;              |                  |
|    |        |   | DERWENT                |                  |
|    | 278    | keeper same separate and thickness              | USPAT;                 | 2002/07/26 09:53 |
| -  | 278    | Recept Same Separate and unexitess              | US-PGPUB;              |                  |
|    |        |   | EPO; JPO;              |                  |
|    |        |   | DERWENT                |                  |
| 1_ | 221    | soft adj magnetic same separate and thickness   | USPAT;                 | 2002/07/26 10:20 |
|    |        |   | US-PGPUB;              |                  |
|    |        |   | EPO; JPO;              |                  |
|    |        |   | DERWENT                |                  |
| -  | 1      | "5549978".PN.                                   | USPAT                  | 2002/07/26 09:58 |
| -  | 1      | "5370928".PN.                                   | USPAT                  | 2002/07/26 09:58 |
| -  | 1      | "5227212".PN.                                   | USPAT                  | 2002/07/26 09:58 |
| -  | 1      | "4920013".PN.                                   | USPAT                  | 2002/07/26 09:58 |
| -  | 1      | "4749628".PN.                                   | USPAT                  | 2002/07/26 09:59 |
| -  | 1      | "4749628".PN.                                   | USPAT                  | 2002/07/26 09:59 |
| -  | 1      | "4722869".PN.                                   | USPAT                  | 2002/07/26 09:59 |
| -  | 1      | "4687712".PN.                                   | USPAT                  | 2002/07/26 09:59 |
| -  | 19     | "4687712"                                       | USPAT;                 | 2002/07/26 10:48 |
|    |        |   | US-PGPUB;              |                  |
|    |        |   | EPO; JPO;              |                  |
|    |        | 1   | DERWENT                | 2002/07/26 10:40 |
| -  | 344857 | interlayer spacer                               | USPAT;                 | 2002/07/26 10:48 |
|    |        |   | US-PGPUB;              |                  |
|    | 1      |   | EPO; JPO;<br>DERWENT   |                  |
|    |        |   | DEKWENT                | <u></u>          |

| - | 64737  | Cr and Ti   | USPAT;    | 2002/07/26 10:49 |
|---|--------|---|-----------|------------------|
|   |        |   | US-PGPUB; |                  |
|   |        |   | EPO; JPO; |                  |
|   |        |   | DERWENT   |                  |
|   | 120249 | magnetic adj recording  | USPAT;    | 2002/07/26 10:49 |
|   |        |   | US-PGPUB; |                  |
|   |        |   | EPO; JPO; |                  |
|   |        |   | DERWENT   |                  |
|   | 2983   | (interlayer spacer) and (Cr and Ti)   | USPAT;    | 2002/07/26 10:49 |
|   |        |   | US-PGPUB; |                  |
|   |        |   | ЕРО; ЈРО; |                  |
|   |        |   | DERWENT   |                  |
| • | 311    | (magnetic adj recording) and ((interlayer spacer) and (Cr and Ti))  | USPAT;    | 2002/07/26 10:5  |
|   |        |   | US-PGPUB; |                  |
|   |        |   | EPO; JPO; |                  |
|   |        |   | DERWENT   |                  |
|   | 1360   | (interlayer spacer) and soft adj magnetic   | USPAT;    | 2002/07/26 10:5  |
|   |        |   | US-PGPUB; |                  |
|   |        |   | EPO; JPO; |                  |
|   |        |   | DERWENT   |                  |
|   | 130    | ((interlayer spacer) and soft adj magnetic) and ((magnetic adj recording)   | USPAT;    | 2002/07/26 10:5  |
| • | .50    | and ((interlayer spacer) and (Cr and Ti)))  | US-PGPUB; |                  |
|   |        | and ((  | EPO; JPO; |                  |
|   |        |   | DERWENT   |                  |
| _ | 0      | "46877125"  | USPAT;    | 2002/07/26 10:5  |
| - | ľ      | 10077125  | US-PGPUB; |                  |
|   | 1      |   | EPO; JPO; |                  |
|   |        |   | DERWENT   |                  |
|   | 19     | "4687712"   | USPAT;    | 2002/07/26 11:1  |
| • | 19     | 4007/12   | US-PGPUB; |                  |
|   |        |   | EPO; JPO; |                  |
|   |        |   | DERWENT   |                  |
|   | 409459 | soft magnetic same (interlayer spacer)  | USPAT;    | 2002/07/26 10:5  |
| - | 409439 | Soft magnetic same (interrayer spacer)  | US-PGPUB; |                  |
|   |        |   | EPO; JPO; |                  |
|   |        |   | DERWENT   |                  |
|   | 275    | (soft magnetic same (interlayer spacer)) and ((interlayer spacer) and (Cr   | USPAT;    | 2002/07/26 10:5  |
| - | 2/3    | and Ti)) and ((magnetic adj recording) and ((interlayer spacer) and (Cr   | US-PGPUB; |                  |
|   |        | and Ti)) and ((magnetic adj recording) and ((member spacer) and (or   | EPO; JPO; |                  |
|   |        |   | DERWENT   |                  |
|   | 275    | ((soft magnetic same (interlayer spacer)) and ((interlayer spacer) and (Cr  | USPAT;    | 2002/07/26 11:0  |
| • | 275    | and Ti)) and ((magnetic adj recording) and ((interlayer spacer) and (Cr   | US-PGPUB; |                  |
|   |        | and Ti)) and ((magnetic adj recording) and ((micriayer spacer) and (or  | EPO; JPO; |                  |
|   |        | and Ti)))) and (Cr and Ti)  | DERWENT   |                  |
|   | 120    | (((soft magnetic same (interlayer spacer)) and ((interlayer spacer) and (Cr   | USPAT;    | 2002/07/26 11:2  |
| - | 130    | and Ti)) and ((magnetic adj recording) and ((interlayer spacer) and (Cr   | US-PGPUB; | 2002/07/20       |
|   |        | and Ti)) and ((magnetic adj recording) and ((interrayer spacer) and (er and Ti)))) and (Cr and Ti)) and soft adj magnetic | EPO; JPO; |                  |
|   |        | and 11)))) and (Cr and 11)) and soft adj magnetic   | DERWENT   |                  |
|   | 1 .    | #4C21020# DNI   | USPAT     | 2002/07/26 11:1  |
| - | 1      | "4621030".PN.   | USPAT     | 2002/07/26 11:1  |
| - | 1      | "4550062".PN.   | USPAT     | 2002/07/26 11:1  |
| - | 1      | "4103315".PN.   | USPAT     | 2002/07/26 11:1  |
| - | 1      | "3787237".PN.   | USPAT     | 2002/07/26 11:1  |
| - | 1      | "3479156".PN.   | USPAT;    | 2002/07/26 11:   |
| - | 18     | "3479156"   |           | 2002/07/2011.    |
|   |        |   | US-PGPUB; |                  |
|   |        |   | EPO; JPO; |                  |
|   |        |   | DERWENT   | 2002/07/25 11:   |
| - | 55     | "3864751"   | USPAT;    | 2002/07/26 11:   |
|   |        |   | US-PGPUB; |                  |
|   |        |   | EPO; JPO; |                  |
|   |        |   | DERWENT   |                  |
| - | 4988   | kanbe   | USPAT;    | 2002/07/26 11:   |
|   |        |   | US-PGPUB; |                  |
|   |        |   | EPO; JPO; |                  |
|   |        | 1   | DERWENT   | 1                |

|            |       |   | USPAT;       | 2002/07/26 11:36 |
|------------|-------|---|--------------|------------------|
|            | 79 k  | nbe and magnetic adj recording                                    | US-PGPUB;    |                  |
|            | .,    |   | EPO; JPO;    |                  |
|            | l     |   | DERWENT      |                  |
| 1          |       |   | vstem USPAT; | 2002/07/26 11:41 |
| l          | 7   p | rpendicular adj magnetic adj recording adj media and drive adj sy | US-PGPUB;    |                  |
|            | ' '   | ··•   | EPO; JPO;    |                  |
| }          |       |   | DERWENT      |                  |
| 1          |       | u 11 in edi gustem  | USPAT;       | 2002/07/26 11:41 |
| 1          | 442   | agnetic adj recording adj media and drive adj system              | US-PGPUB;    |                  |
|            |       |   | EPO; JPO;    |                  |
|            |       |   | DERWENT      | 12.49            |
|            | 1     |   | USPAT;       | 2002/07/26 12:48 |
|            | 0     | ndust near5 mu adj max  | US-PGPUB;    |                  |
|            |       |   | EPO; JPO;    |                  |
|            | 1     |   | DERWENT      | 12.51            |
|            | 1     |   | USPAT;       | 2002/07/26 12:51 |
|            | 1     | sendust near5 mu?max  | US-PGPUB;    |                  |
|            | 1     |   | EPO; JPO;    |                  |
|            | 1     |   | DERWENT      |                  |
|            |       |   | USPAT;       | 2002/07/26 12:50 |
|            | 0 1   | FeSiAl near5 mu?max   | US-PGPUB     | ; [              |
|            | 1     |   | EPO; JPO;    |                  |
|            | } \   |   | DERWENT      | 10.51            |
|            |       |   | USPAT;       | 2002/07/26 12:51 |
|            | 2985  | sendust   | US-PGPUE     | ;                |
|            | 2,00  |   | EPO; JPO;    |                  |
|            | 1     |   | DERWENT      |                  |
|            |       |   | USPAT;       | 2002/07/26 12:52 |
|            | 3     | sendust and mu adj max  | US-PGPUI     | 3;               |
| •          |       |   | EPO; JPO;    |                  |
|            |       |   | DERWEN       | Γ                |
|            |       | 1.114   | USPAT;       | 2002/07/26 13:05 |
|            | 11    | sendust same maximum adj permeability                             | US-PGPU      | В;               |
| -          | 1     |   | EPO; JPO     |                  |
|            | 1     |   | DERWEN       | T                |
|            |       |   | USPAT;       | 2002/07/26 13:08 |
|            | 5     | sendust same (H/m)  | US-PGPU      |                  |
| -          | -     |   | EPO; JPO     | ;                |
|            | 1     |   | DERWEN       | IT               |
|            |       |   | USPAT;       | 2002/07/26 13:10 |
|            | 1     | permalloy same (H/m)  | US-PGPU      |                  |
| •          |       |   | EPO; JPC     | );               |
|            |       |   | DERWE        | VT               |
|            |       |   | USPAT;       | 2002/07/26 13:12 |
|            | 3     | permalloy and (H/m)   | US-PGP       |                  |
| -          |       | ·   | EPO; JPO     | D;               |
| 1          |       |   | DERWE        |                  |
|            |       |   | USPAT;       |                  |
|            | \     | permalloy with (H/m)  | US-PGP       |                  |
| -          |       |   | EPO; JP      |                  |
| 1          | 1     |   | DERWE        |                  |
| 1          |       |   | USPAT        | 2002/07/26 13:1  |
| \ <u>-</u> |       | 3 78-permalloy  | US-PGF       | PUB;             |
| -          |       |   | EPO; JF      | 0;               |
|            | l     |   | DERWI        |                  |
|            |       |   | USPAT        |                  |
| _          |       | 0 sendust near5 oerstead  | US-PG        |                  |
| 1-         |       |   | EPO; J       |                  |
|            |       |   | DERW         |                  |
|            | 1     |   | USPAT        |                  |
|            |       | 6 sendust near5 oersted   | US-PG        |                  |
| 1 -        |       |   | EPO; J       |                  |
| 1          |       | •   | DERW         | rem              |

|   |       |  | USPAT;    | 2002/07/26 14:50 |
|---|-------|--|-----------|------------------|
|   | 111   | permalloy near mu?max                  | US-PGPUB; |                  |
|   | '   ' | •                                      | EPO; JPO; |                  |
|   | 1     |  | DERWENT   |                  |
|   | 1     |  | USPAT;    | 2002/07/26 14:53 |
|   | 29    | permalloy near mu                      | US-PGPUB; |                  |
| • |       | •                                      | EPO; JPO; |                  |
|   |       |  | DERWENT   |                  |
|   |       |  | USPAT;    | 2002/07/26 14:55 |
|   | 42    | permalloy near5 max                    | US-PGPUB; |                  |
|   |       | -                                      | EPO; JPO; |                  |
|   |       |  | DERWENT   |                  |
|   | 1     |  | USPAT;    | 2002/07/26 14:55 |
| _ | . 0   | permalloy near5 Hm?sup-1               | US-PGPUB; |                  |
|   | 1     |  | EPO; JPO; |                  |
|   | 1     |  | DERWENT   | 107/06/14/55     |
|   |       | 2.20                                   | USPAT;    | 2002/07/26 14:55 |
| - | 0     | permalloy near5 H?m?sup-1              | US-PGPUB; |                  |
|   |       |  | ЕРО; ЈРО; |                  |
|   |       |  | DERWENT   |                  |
|   | 1     |  | USPAT;    | 2002/07/26 14:55 |
| - | 1     | permalloy near5 H/m                    | US-PGPUB; |                  |
|   | 1     |  | EPO; JPO; |                  |
|   |       |  | DERWENT   | 2002/07/26 14:57 |
|   | 1     | 611                                    | USPAT;    | l .              |
| - | 50    | permalloy near5 H                      | US-PGPUB; | ·                |
|   | ļ     |  | EPO; JPO; |                  |
|   | 1     |  | DERWENT   | 2002/07/26 15:03 |
| - |       | permalloy and maximum adj permeability | USPAT;    | 1                |
|   | 88    |  | US-PGPUB  | ;                |
|   |       |  | EPO; JPO; | .                |
| 1 |       | permalloy and H/m                      | DERWENT   | 2002/07/27 09:1  |
|   |       |  | USPAT;    | 1                |
| - | 30    |  | US-PGPUB  | ·                |
|   | 1     |  | EPO; JPO; |                  |
|   | 1     |  | DERWENT   |                  |